

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A computer communication network, wherein a computer is specified by an address defined in a telephone network.
2. (original): A computer communication network according to claim 1, wherein the address defined in the telephone network is used in place of an Internet protocol address.
3. (original): A computer communication network according to claim 1, wherein the address is a telephone number.
4. (original): A computer communication network according to claim 1, wherein the address is a number in the Integrated Service Digital Network.
5. (original): A computer communication network according to claim 1,
comprising:
an address server for correlatively storing the address defined in the telephone network
and a name corresponding to the address,
wherein the computer on a originating side comprises:

means for inquiring of the address server about the address corresponding to a name of a computer on a terminating side; and

means for calling the address received from the address server.

6. (original): A computer communication network according to claim 5, wherein any of the names in the computer communication network is not duplicated nor the same as any of domain names in the Internet.

7. (original): A computer communication network according to claim 5, wherein the address server is an exchanger.

8. (new): A method of communications on a computer network, comprising:

- providing a first network;
- providing a second network;
- providing a first computer identified by a unique address on at least the first network;
- providing at least one second computer identified by a unique address on at least the first network;
- providing a server on at least the second network;
- communicating with the server from the first computer to initially determine the address of the at least one second computer by communicating on the second network; and
- connecting to the at least one second computer on the first network using the address of the at least one second computer provided by the server,

wherein the first network is a telephone network.

9. (new): The method of claim 8, comprising:

storing the address of the at least one second computer on the first computer so that subsequent connections to the at least second computer do not require communicating with the server.

10. (new): The method of claim 9, wherein the connection to the at least second computer on the first network does not use the second network.

11. (new): A system for communications on a computer network, comprising:

a first network;

a second network;

a first computer identified by a unique address on at least the first network;

at least one second computer identified by a unique address on at least the first network;

a server on at least the second network,

wherein the first computer initially determines the address of the at least one second computer by communicating with the server on the second network,

wherein the first computer connects to the at least one second computer on the first network using the address of the at least one second computer provided by the server, and

wherein the first network is a telephone network.

12. (new): The apparatus of claim 11, comprising:
a storage unit to store the address of the at least one second computer on the first computer so that subsequent connections to the at least second computer do not require communicating with the server.

13. (new): The method of claim 12, wherein the connection to the at least second computer on the first network does not use the second network.

14. (new): A computer communication network according to claim 5, wherein if the inquiring of the address server about the address corresponding to the name of the computer on the terminating side returns a Public Switched Telephone Network (PSTN) number, then the communication with the terminating side computer is in PSTN mode, and

wherein if the inquiring of the address server about the address corresponding to the name of the computer on the terminating side returns an Internet Protocol (IP) address, then the communication with the terminating side computer is in IP mode.